

*Medical Imaging 2019*

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# ***Imaging Informatics for Healthcare, Research, and Applications***

**Po-Hao Chen**  
**Peter R. Bak**  
*Editors*

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# Contents

vii	<i>Authors</i>
ix	<i>Conference Committee</i>
xi	<i>2019 Medical Imaging Award Recipients</i>

---

**SESSION 1 PACS AND CLINICAL MULTIMEDIA DATA FOR NON-RADIOLOGY IMAGES**

---

10954 02	<b>The application of deep learning framework in quantifying retinal structures on ophthalmic image in research eye-PACS [10954-1]</b>
10954 03	<b>Automatically estimating size information for dose management systems applied in fluoroscopy and radiography [10954-2]</b>
10954 04	<b>The development of an imaging informatics-based platform and data viewer interface to support sports performance and injury prevention in track and field athletes [10954-3]</b>
10954 05	<b>Multimedia data handling and integration for rehabilitation research [10954-4]</b>
10954 06	<b>Fundus Analysis Software Tool (FAST): development of software integrating CAD with the EHR for the longitudinal study of fundus images [10954-5]</b>

---

**SESSION 2 3-D PRINTING, AUGMENTED REALITY, AND VIRTUAL REALITY FOR MEDICAL APPLICATIONS**

---

10954 07	<b>Fast selective antialiasing for direct volume rendering [10954-6]</b>
10954 08	<b>The wearable augmented reality (AR) approach to support mammographic training: hololens for screener training [10954-7]</b>
10954 09	<b>Feasibility of medical image-based bio 3D printing of variable tissue compositions [10954-8]</b>
10954 0A	<b>A comparison of open source libraries ready for 3D reconstruction of wounds [10954-9]</b>
10954 0B	<b>Improved functional assessment of ischemic severity using 3D printed models [10954-10]</b>
10954 0C	<b>Controlled compliancy of 3D printed vascular patient specific phantoms [10954-11]</b>

---

**SESSION 3     ARTIFICIAL INTELLIGENCE AND DEEP LEARNING I**

---

10954 0E     **Impact of imprinted labels on deep learning classification of AP and PA thoracic radiographs**  
[10954-13]

10954 0F     **Deep-learning method for tumor segmentation in breast DCE-MRI** [10954-14]

---

**SESSION 4     ARTIFICIAL INTELLIGENCE AND DEEP LEARNING II**

---

10954 0H     **Optic disc segmentation in fundus images using deep learning** [10954-16]

10954 0I     **Learning cross-protocol radiomics and deep feature standardization from CT images of texture phantoms** [10954-17]

10954 0J     **Context-based bidirectional-LSTM model for sequence labeling in clinical reports** [10954-18]

10954 0L     **Multi-space-enabled deep learning of breast tumors improves prediction of distant recurrence risk** [10954-20]

10954 0M     **A data interpretation approach for deep learning-based prediction models** [10954-21]

---

**SESSION 5     ECONOMICS, REGULATIONS, AND PRACTICE INNOVATION IN MEDICAL IMAGING**

---

10954 0N     **Automatic assessment of the quality of patient positioning and field of view of head CT scans**  
[10954-22]

10954 0O     **Local heating of metallic objects from switching magnetic gradients in MRI** [10954-23]

10954 0P     **On the feasibility of Epic electronic medical record system for tracking patient radiation doses following interventional fluoroscopy procedures** [10954-24]

10954 0Q     **Framework for guiding artificial intelligence research in combat casualty care** [10954-25]

10954 0R     **Joint Gaussian copula model for mixed data with application to imaging epigenetics study of schizophrenia** [10954-26]

---

**SESSION 6     APPLIED BIG DATA AND CLOUD-BASED TECHNOLOGIES**

---

10954 0S     **An RF-BFE algorithm for feature selection in radiomics analysis** [10954-27]

10954 0T     **Expanding the initial retinal fundus images for glaucoma analysis: the RIGA2 dataset** [10954-28]

- 10954 0U **A new medical imaging sharing service network based on professional medical imaging center** [10954-29]
- 10954 0V **Automatic radiotherapy plan emulation for 3D dose reconstruction to enable big data analysis for historically treated patients** [10954-30]
- 10954 0W **Using imaging biomarkers to predict radiation induced xerostomia in head and neck cancer** [10954-31]

---

**SESSION 7      PRECISION MEDICINE, CORRELATIVE ANALYTICS, AND TRANSLATIONAL RESEARCH**

---

- 10954 0Y **Head and neck cancer radiation therapy decision support** [10954-33]
- 10954 0Z **Case based image retrieval and clinical analysis of tumor and cyst** [10954-34]
- 10954 10 **Medical image retrieval using Resnet-18** [10954-35]
- 10954 11 **Analysis of DCE-MRI features in tumor for prediction of the prognosis in breast cancer** [10954-36]
- 10954 12 **Analysis of mammographic density as a predictor for breast cancer occurrence** [10954-38]
- 10954 13 **3D convolution neural networks for molecular subtype prediction in glioblastoma multiforme** [10954-39]

---

**POSTERS: 3-D PRINTING FOR MEDICAL APPLICATIONS**

---

- 10954 14 **3D-printable lung substitutes for particle therapy on the base of high-resolution CTs for mimicking Bragg peak degradation** [10954-40]
- 10954 15 **A 3D printing-based realistic anthropomorphic dental phantom and its imaging evaluation** [10954-41]

---

**POSTERS: ARTIFICIAL INTELLIGENCE AND DEEP LEARNING**

---

- 10954 16 **Correlative hierarchical clustering-based low-rank dimensionality reduction of radiomics-driven phenotype in non-small cell lung cancer** [10954-42]
- 10954 18 **A knowledge-based question answering system to provide cognitive assistance to radiologists** [10954-44]
- 10954 19 **Electronic cleansing in CT colonography using a generative adversarial network** [10954-45]
- 10954 1A **Assessment of optimal deep learning configuration for vertebrae segmentation from CT images** [10954-46]

- 10954 1C **Using generative adversarial networks and transfer learning for breast cancer detection by convolutional neural networks** [10954-48]
- 10954 1D **Deep learning of 3D computed tomography (CT) images for organ segmentation using 2D multi-channel SegNet model (Cum Laude Poster Award )** [10954-49]

---

**POSTERS: PRECISION MEDICINE, CORRELATIVE ANALYTICS, AND TRANSLATIONAL RESEARCH**

---

- 10954 1E **Deep radiomic precision CT imaging for prognostic biomarkers for interstitial lung diseases** [10954-51]
- 10954 1F **Assessment of short-term breast cancer risk using a frequency domain correlation based imaging marker** [10954-52]
- 10954 1G **Heterogeneity of tumor and its surrounding stroma on DCE-MRI and diffusion weighted imaging in predicting histological grade and lymph node status of breast cancer** [10954-53]
- 10954 1H **Prediction of histological grade in breast cancer by combining DCE-MRI and DWI features** [10954-54]

## Authors

Numbers in the index correspond to the last two digits of the seven-digit citation identifier (CID) article numbering system used in Proceedings of SPIE. The first five digits reflect the volume number. Base 36 numbering is employed for the last two digits and indicates the order of articles within the volume. Numbers start with 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B...0Z, followed by 10-1Z, 20-2Z, etc.

Acharya, Gagan, 13  
Alaie, Seyedhamidreza, 0B  
Alderliesten, Tanja, 0V  
Alex, Varghese, 10  
Allman, Ariana B., 0C  
Almazroa, Ahmed A., 0T  
Anand, Vikas Kumar, 13  
Andrearczyk, Vincent, 0I  
Antani, Sameer, 0H  
Arefan, Dooman, 0F, 0L  
Ayyachamy, Swarnambiga, 0Z, 10  
Balgobind, Brian V., 0V  
Baumann, Kilian, 14  
Bel, Arjan, 0V  
Belyaev, Sergey Y., 07  
Bendersky, Marina, 18  
Benedick, Trent, 0Y  
Bhargava, Rohit, 0L  
Bosman, Peter A. N., 0V  
Buelow, Thomas, 0N  
Buhk, Jan-Hendrik, 0N  
Calhoun, Vince D., 0R  
Caprio, Alexandre, 0B  
Carpenter, Erica L., 16  
Celinski, Zbigniew, 0O  
Chai, Ruimei, 0F  
Chan, Heang-Ping, 12  
Chandra, Abhishek, 09  
Cheikhali, N., 0P  
Chen, Junhui, 0S  
Chen, Qingmei, 1G  
Chen, Yan, 08  
Cheng, Zhi, 0W  
Chew, Emily Y., 0H  
Chitalia, Rhea D., 16  
Cohen, Eric, 16  
Crosby, Jennie, 0E  
Dabbs, David J., 0L  
Dadsetan, Saba, 0M  
Danala, Gopichandh, 1F  
Das, Bipul, 1A  
Dave, J. K., 0P  
Depeursinge, Adrien, 0I  
Deserno, Thomas M., 0A  
Dong, Jiancheng, 02  
Duan, Clara, 0E  
Dunham, Simon, 0B  
Dutta, Sandeep, 1A  
Fan, Ming, 11, 1G, 1H  
Fiebich, Martin, 03, 14  
Frischmuth, Isabelle, 0N  
Fu, Wanyi, 1D  
Gale, Alastair, 08  
Ganapathy, Nagarajan, 0A  
Giger, Maryellen, 0E  
Gu, Yiping, 0U  
Guan, Shuyue, 1C  
Han, Peijin, 0W  
Hankiewicz, Janusz H., 0O  
Harder, Tim, 0N  
Heidari, Morteza, 1F  
Helvie, Mark A., 12  
Henaio, Ricardo, 1D  
Hironaka, Toru, 19, 1E  
Hollingsworth, Alan, 1F  
Hsieh, Meng-Kang, 16  
Huang, Zhiwei, 0U  
Ionita, Ciprian N., 0C  
Jadhav, Ashutosh, 18  
Jaglan, Dhruv, 0A  
Jahani, Nariman, 16  
Joshi, Shalmli, 0B  
Kanjarla, Karina, 18  
Katouzian, Amin, 18  
Katz, Sharyn I., 16  
Kaushik, Sandeep, 1A  
Kawata, Yoshiki, 1E  
Khened, Mahendra, 10, 13  
Kim, Jong Hyo, 15  
Kim, Jongwoo, 0H  
Kolli, Kranthi K., 0B  
Kontos, Despina, 16  
Koparde, Rhea, 0Y  
Krishnamurthi, Ganapathy, 0Z, 10, 13  
Kumar, Syamantak, 0A  
Lakshminarayanan, Pranav, 0W  
LaRiviere, Michael J., 16  
Le, Anh, 0Y  
Lee, Do Il, 15  
Lee, Junghoon, 0W  
Lee, Sang Ho, 0W  
Li, Feng, 0E  
Li, Lihua, 11, 1G, 1H  
Li, Xiaowei, 0U  
Lieu, Sabrina, 06, 0Y  
Lin, Justin, 06  
Ling, Tonghui, 0U  
Liu, Bin, 11

Liu, Brent J., 02, 04, 05, 06, 0Y  
 Liu, Hong, 1F  
 Liu, Joseph, 04  
 Liu, Yingzhou, 1D  
 Lo, Joseph Y., 1D  
 Loew, Murray, 1C  
 Luna, José Marcio, 16  
 Luo, Zhimeng, 0F  
 MacMahon, Heber, 0E  
 Mäder, Ulf, 03, 14  
 Mahnken, Andreas, 03  
 Matsuhiro, Mikio, 1E  
 Mazurowski, Maciej, 1D  
 McGroy, M., 0P  
 McNitt-Gray, Jill, 04, 05  
 McNutt, Todd R., 0W  
 Miguez, Sofia M., 09  
 Mirniaharikandehi, Seyedehnafiseh, 1F  
 Moghadam, Amir Ali Amiri, 0B  
 Moroi, Sayoko E., 0T  
 Mosadegh, Bobak, 0B  
 Mukherjee, Vandana, 18  
 Müller, Henning, 0I  
 Murthy, Hemanth, 06  
 Murthy, Veda, 06, 0Y  
 Näppi, Janne J., 19, 1E  
 Nasirudin, Radin A., 1E  
 Neißner, Alexander, 03  
 Nigh, Dietrich James P., 09  
 Niki, Noboru, 1E  
 Paschalidis, Ioannis Ch., 0J  
 Patel, Mayur, 06  
 Penchev, Petar, 03  
 Peng, Luke, 0W  
 Phelan, Matthew, 1D  
 Pignolo, Robert J., 09  
 Pillai, Anup, 18  
 Podgorsak, Alexander R., 0C  
 Poeng, R., 0P  
 Post, Heaven, 06  
 Qiu, Yuchen, 1F  
 Quon, Harry, 0W  
 Rajapakse, Chamith S., 09  
 Rava, Ryan A., 0C  
 Rhines, Thomas, 0E  
 Rhodes, Sylvia S., 09  
 Romito, Eva, 0B  
 Rubin, Geoffrey D., 1D  
 Samei, Ehsan, 1D  
 Sang, Aimin, 02  
 Savchuk, Daniil A., 07  
 Schaefer, Gerald, 08  
 Segars, W. Paul, 1D  
 Selvakumaran, Vignesh, 1D  
 Shah, Nameeta, 13  
 Shankar, Manjula, 06  
 Sheikh, Khadija, 0W  
 Shepard, Lauren M., 0C  
 Shepherd, Robert, 0B  
 Shetye, Snehal, 09  
 Shi, Maying, 0Y  
 Shinde, Rohit, 09  
 Shivade, Chaitanya, 18  
 Smirnov, Pavel O., 07  
 Smirnova, Natalia D., 07  
 Stroud, John, 0O  
 Stupic, Karl, 0O  
 Sumkin, Jules, 0F  
 Syeda-Mahmood, Tanveer, 18  
 Tachibana, Rie, 19  
 Tahmasebi, Amir M., 0J  
 Tang, Qiang, 08  
 Thoma, George R., 0H  
 Thompson, Jeffrey C., 16  
 Tian, Lin, 0S  
 Tran, Loc, 0H  
 Tsodikov, Alex, 12  
 Udupa, Jayaram K., 09  
 Uemura, Tomoki, 1E  
 Verma, Sneha, 04, 05  
 Virgolin, Marco, 0V  
 Walsh, Tucker, 0O  
 Wang, Mingqing, 0U  
 Wang, Ximing, 04  
 Wang, Yu-Ping, 0R  
 Wang, Ziyuan, 0V  
 Watari, Chinatsu, 1E  
 Weber, Ulrich, 14  
 Wei, Jun, 12  
 Wei, Xinhua, 0U  
 Wong, Kenneth H., 0Q  
 Wu, Huiqun, 02  
 Wu, Shandong, 0F, 0L, 0M  
 Xu, Maosheng, 1G, 1H  
 Xu, Patricia, 0B  
 Yang, Yuanyuan, 0U  
 Yang, Zepa, 15  
 Yao, Benjamin, 0Y  
 Yoshida, Hiroyuki, 19, 1E  
 Young, Stewart, 0N  
 Yousefi, Bardia, 16  
 Yu, Moye, 02  
 Yuan, Rong, 0S  
 Zdon, Annika, 12  
 Zhang, Aiying, 0R  
 Zhang, Lei, 0F  
 Zhang, Peng, 1G  
 Zhang, Siliang, 02, 0Y  
 Zhao, Shenghui, 02  
 Zhao, Wenrui, 1H  
 Zheng, Bin, 1F  
 Zheng, Bingjie, 0L  
 Zheng, Shuo, 11  
 Zhu, Henghui, 0J  
 Zink, Klemens, 14

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- 7 Precision Medicine, Correlative Analytics, and Translational Research  
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### Robert F. Wagner Best Student Paper Award

Robert F. Wagner was an active scientist in the SPIE Medical Imaging meeting, starting with the first meeting in 1972 and continuing throughout his career. He ensured that the BRH, and subsequently the CDRH, was a sponsor for the early and subsequent Medical Imaging meetings, helping to launch and ensure the historical success of the meeting. The Robert F. Wagner All-Conference Best Student Paper Award (established 2014) is acknowledgment of his many important contributions to the Medical Imaging meeting and his many important advances to the field of medical imaging.



This award is co-sponsored by:



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2019 Recipients:

First Place: **Volume-of-interest imaging using multiple aperture devices** (10984-74)  
Wenying Wang, Grace J. Gang, Jeffrey H. Siewerdsen, Joseph W. Stayman, Johns Hopkins University (United States)

Second Place: **Surgical aid visualization system for glioblastoma tumor identification based on deep learning and in-vivo hyperspectral images of human patients** (10951-35)

Himar Fabelo, The University of Texas at Dallas (USA) and Universidad of Las Palmas de Gran Canaria (Spain); Martin Halicek, The University of Texas at Dallas (United States) and Georgia Institute of Technology & Emory University School of Medicine (United States); Samuel Ortega, Universidad de Las Palmas de Gran Canaria (Spain); Adam Szolna, Jesus Morera, Hospital Universidad de Gran Canaria Doctor Negrin (Spain); Roberto Sarmiento, Universidad of Las Palmas de Gran Canaria (Spain); Gustavo M. Callicó, Universidad de Las Palmas de Gran Canaria (Spain); Baowei Fei, The University of Texas at Dallas (United States) and The University of Texas Southwestern Medical Center (United States)

